

From: Elizabeth Basil
To: Joseph Eller; <JJMETTS@santeecooper.com>; <jhudson@santeecooper.com>
CC: Myra C. Reece, Veronica Barringer, Rhonda Banks Thompson
Date: 9/11/08 10:03 AM

Jay and Julie,

This email is a request for additional information on the 112g application.

1. analysis of mercury reduction from using a carbon burnout system as a means of addressing mercury contamination in fly ash
2. analysis of mercury reductions from use of a coal "cleaning" system.
3. Santee Cooper discusses that no fly ash sales would be possible with ACI in use. Are there other uses for fly ash, such as concrete block manufacturing (as opposed to cement manufacturing) and supplemental road aggregate where fly ash would be a saleable byproduct even with ACI?
4. Santee Cooper provides a general discussion of the cost element of a MACT determination and a specific cost assessment for control of mercury emissions by sorbent injection. We are requesting Santee Cooper provide a comparison component to the cost analysis. If HAP-specific control of mercury emissions has been proposed for other recent coal-fired power plant projects, how do these projects differ from the Pee Dee project such that mercury control is reasonable for them but not for Pee Dee?
5. A MACT floor is proposed in lb/MWh gross output, derived from an emissions rate of 1.07 lb/TBtu and adjusted to a lb/MWh format "based on the design heat rate used by EPA in the 2004 Utility MACT proposal." Please provide the emission limit applying the 1.07 lb/TBtu value to the specific Pee Dee unit design values of 5,700 MMBtu/hr heat input and 660 MW gross output (per unit.)
6. Provide the estimated cost of an ACI system in terms of mills/kWh. This will allow comparison with other facilities where costs are expressed on this basis.

If any of these questions need further clarification, just let me know. Please submit responses to these questions by Friday, Sept 12.

Thanks,
Liz

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